

1-523 U.S. PTO  
09/160454

09/24/96

|                      |          |
|----------------------|----------|
| 435                  | 6        |
| Class                | Subclass |
| ISSUE CLASSIFICATION |          |

PATENT NUMBER

8328144



8328144

U.S. UTILITY PATENT APPLICATION

|                   |                  |                            |
|-------------------|------------------|----------------------------|
| SCANNED <i>BW</i> | Q.P.E. <i>RG</i> | PATENT DATE<br>DEC 04 2001 |
|-------------------|------------------|----------------------------|

|        |              |               |                  |                  |
|--------|--------------|---------------|------------------|------------------|
| SECTOR | CLASS<br>435 | SUBCLASS<br>6 | ART UNIT<br>4443 | EXAMINER<br>Pham |
|--------|--------------|---------------|------------------|------------------|

FILED WITH: ☐ DISK (CRF) ☐ FICHE  
(Attached in pocket on right inside flap)

PREPARED AND APPROVED FOR ISSUE

ISSUING CLASSIFICATION

| ORIGINAL                     |          | CROSS REFERENCE(S) |                                   |        |        |  |  |
|------------------------------|----------|--------------------|-----------------------------------|--------|--------|--|--|
| CLASS                        | SUBCLASS | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |        |        |  |  |
| 435                          | 6        | 435                | 7.1                               |        |        |  |  |
| INTERNATIONAL CLASSIFICATION |          | 436                | 172                               | 546    | 2      |  |  |
| 435                          | 6        | 250                | 307                               | 302    | 459.1  |  |  |
|                              |          | 356                | 317                               |        |        |  |  |
|                              |          | 252                | 301.7                             | 301.23 | 301.36 |  |  |
|                              |          | 378                | 47                                |        |        |  |  |
|                              |          | 422                | 82.08                             |        |        |  |  |

☐ Continued on Issue Slip Inside File Jacket

|  |  |                  |                 |  |                           |
|--|--|------------------|-----------------|--|---------------------------|
| <input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>  | <b>DRAWINGS</b>  |                  |                 | <b>CLAIMS ALLOWED</b>                                      |                           |
|  | Sheets Drwg.<br>9  | Figs. Drwg.<br>9 | Print Fig.<br>1 | Total Claims<br>6672                                       | Print Claim for O.G.<br>1 |
| <input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.<br><br><input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____ | MIND-QUINZEE PHAM 11/2/00<br>(Assistant Examiner) (Date)   |                  |                 | <b>NOTICE OF ALLOWANCE MAILED</b><br><br>11/12-01          |                           |
|  | LONG V. LE<br>SUPERVISORY PATENT EXAMINER<br>TECHNOLOGY CENTER 1600<br>[Signature] 11/19/00<br>(Primary Examiner) (Date) |                  |                 | <b>ISSUE FEE</b><br>Amount Due \$1240.00 Date Paid 4-11-01 |                           |
| <input type="checkbox"/> c) The term of this patent have been disclaimed. _____ months of this patent have been disclaimed.  | _____<br>(Legal Instruments Examiner) (Date)   |                  |                 | <b>ISSUE BATCH NUMBER</b><br>A59                           |                           |

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(Rev. 10/97)

ISSUE FEE IN FILE

(LABEL AREA)

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(FACE)